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SEQUENCE LISTING

## (1) GENERAL INFORMATION

(i) APPLICANT: van der Bruggen, et al.

10 (ii) TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULE ENCODING  
PEPTIDES WHICH FORM COMPLEXES WITH MHC  
MOLECULE HLA-Cw\*1601 AND USES THEREOF

(iii) NUMBER OF SEQUENCES: 9

## (iv) CORRESPONDENCE ADDRESS:

15 (A) ADDRESSEE: Felfe & Lynch  
(B) STREET: 805 Third Avenue  
(C) CITY: New York  
(D) STATE: New York  
(E) COUNTRY: USA  
20 (F) ZIP: 10022

## (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette  
(B) COMPUTER: IBM PS/2  
(C) OPERATING SYSTEM: PC-DOS  
25 (D) SOFTWARE: Wordperfect

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: Not Yet Assigned  
(B) FILING DATE: Herewith  
(C) CLASSIFICATION: 435

## 30 (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/196,630  
(B) FILING DATE: February 15, 1994

## (vii) PRIOR APPLICATION DATA:

35 (A) APPLICATION NUMBER: 08/079,110  
(B) FILING DATE: June 17, 1993

## (viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Pasqualini, Patricia A.  
(B) REGISTRATION NUMBER: 34,894  
(C) REFERENCE/DOCKET NUMBER: LUD 5310.2

- 5 (ix) TELECOMMUNICATION INFORMATION:  
 (A) TELEPHONE: (212) 688-9200  
 (B) TELEFAX: (212) 838-3884

(2) INFORMATION FOR SEQ ID NO: 1:

- 10 (i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 1004  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

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15CGCCAATTTA GGGTCTCCGG TATCTCCCGC TGAGCTGCTC TGTTCCCGGC TTAGAGGACC      60
AGGAGAAGGG GGAGCTGGAG GCTGGAGCCT GTAACACCGT GGCTCGTCTC ACTCTGGATG      120
GTGGTGGCAA CAGAGATGGC AGCGCAGCTG GAGTGTTAGG AGGGCGGCCT GAGCGGTAGG      180
AGTGGGGCTG GAGCAGTAAG ATG GCG GCC AGA GCG GTT TTT CTG GCA TTG TCT      233
                Met Ala Ala Arg Ala Val Phe Leu Ala Leu Ser
                5                                10
GCC CAG CTG CTC CAA GCC AGG CTG ATG AAG GAG GAG TCC CCT GTG GTG      281
Ala Gln Leu Leu Gln Ala Arg Leu Met Lys Glu Glu Ser Pro Val Val
                15                                20                                25
AGC TGG AGG TTG GAG CCT GAA GAC GGC ACA GCT CTG TGC TTC ATC TTC      329
25Ser Trp Arg Leu Glu Pro Glu Asp Gly Thr Ala Leu Cys Phe Ile Phe
                30                                35                                40
TGAGGTTGTG GCAGCCACGG TGATGGAGAC GGCAGCTCAA CAGGAGCAAT AGGAGGAGAT      389
GGAGTTTCAC TGTGTCAGCC AGGATGGTCT CGATCTCCTG ACCTCGTGAT CCGCCCGCCT      449
TGGCCTTCCA AAGTGCCGAG ATTACAGCGA TGTGCATTTT GTAAGCACTT TGGAGCCACT      509
30ATCAAATGCT GTGAAGAGAA ATGTACCCAG ATGTATCATT ATCCTTGTGC TGCAGGAGCC      569
GGCTCCTTTC AGGATTTTCTG TCACATCTTC CTGCTTTGTC CAGAACACAT TGACCAAGCT      629
CCTGAAAGAT GTAAGTTTAC TACGCATAGA CTTTTAAACT TCAACCAATG TATTTACTGA      689
AAATAACAAA TGTTGTAAAT TCCCTGAGTG TTATTCTACT TGTATTAAAA GGTAAATAATA      749
CATAATCATT AAAATCTGAG GGATCATTGC CAGAGATTGT TGGGGAGGGA AATGTTATCA      809

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10  (i)  SEQUENCE CHARACTERISTICS:
      (A)   LENGTH: 43
      (B)   TYPE: amino acid
      (C)   STRANDEDNESS: single
      (D)   TOPOLOGY: linear

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Met Ala Ala Arg Ala Val Phe Leu Ala Leu Ser Ala Gln Leu Leu Gln  
5 10 15  
Ala Arg Leu Met Lys Glu Glu Ser Pro Val Val Ser Trp Arg Leu Glu  
20 25 30  
Pro Glu Asp Gly Thr Ala Leu Cys Phe Ile Phe  
35 40

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: amino acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

Ala Ala Arg Ala Val Phe Leu Ala Leu  
30 5

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 9

- 5 (B) TYPE: amino acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Ala Arg Ala Val Phe Leu Ala Leu Phe  
 10 5

(6) INFORMATION FOR SEQ ID NO: 5

(i) SEQUENCE CHARACTERISTICS:

- 15 (A) LENGTH: 9  
 (B) TYPE: amino acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Met Ala Ala Arg Ala Val Phe Leu Ala  
 20 5

(7) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

- 25 (A) LENGTH: 18  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

TGGCTCGTCT CACTCTGG

18

(8) INFORMATION FOR SEQ ID NO: 7:

30 (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 19  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear

5 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

CCTCCTATTG CTCCTGTTG

19

(9) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

- 10 (A) LENGTH: 19  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

GGCATCGTGA TGGACTCCG

19

15 (10) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:

- 20 (A) LENGTH: 19  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

CTGGAAGGT GGACAGCGA

19